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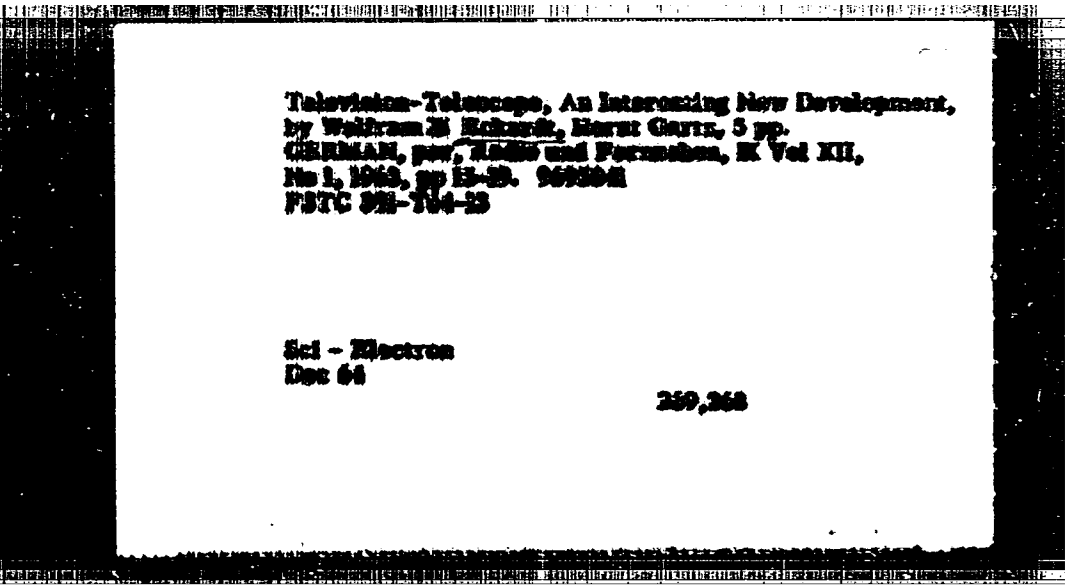

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by Waldram H Richards, Horst Gurtz, 5 pp.
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No 1, 1963, pp 15-20. [illegible]
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GERMAN, per, Ophthalmologica, Vol 122, 1951,
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*NASA TT F-11,822

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Electrophysiological and Histological Reaesrch in the Vestibular Nuclear Field With Rotary Excitation, by Walter Eckel.

GERMAN, per, Archiv Ohr-usw Heilk u Hals-usw, Heilk, No 164, -1954, pp 487-513.

*JPRS/FAA

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Experiments on the Activity of Light Reinforcing Fillers, by R. Ecker, 21 pp.

GERMAN, Unidentified [Paper Presented at] the German Rubber Society Cologne, 7-10 May 60.

SLA 60-18156

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GERMAN, Unidentified [Paper Presented at] the German Rubber Society Cologne, 7-10 May 58.

SLA 60-18198

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Eckhard, Siegfried.
REGARDING THE SPECTROCHEMICAL DETERMINATION OF PHOSPHORUS IN STEEL WITH THE PHOSPHORUS LINE 3175 Å. Rept. no. 251 of the Chemists Committee of the [Verein Deutscher Eisenhüttenleute]. [1961] 20p. 21 refs.
Order from SLA $1.60 61-20591

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Another trans. is available from BISI [5 5s as BISI-1315 [1959].

DESCRIPTORS: *Steel, Spectrographic analysis, *Phosphorus, Determination, Metallurgical analysis, Chemical engineering.

(Metallurgy--Ferrous Metals, TT, v. 7, no. 4)(over)

61-20591

I. Eckhard, S.
II. Title: Verein...
III. Max...Communication-754

191122

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Noise Measurements on Thin Lead Sulphide Photo Layers
by F. Eckart, 5 p.

GERMAN, per, Annalen der Physik, 1952, 6 Folge,
Vol XI, No 2/3, pp 166-168.

SLA 59-17913

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Influence of the Initial Copper Material on the Characteristics of Copper Oxide Rectifiers, b. F. Eckart, C. Fritzsche, 12 pp.

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by F. Eckart

GERMAN, German Acad of Sciences, Institute of Solid State Research, Berlin 1953. CIA D 363480

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On the Barrier-Layer Photo-Effect, by F. Eckart, H. E. Gudden.

Full translation.

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The Development of the Unfocused Secondary Electron Multiplier, by F. Eckart, 18 p.

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The Diffraction Theory of the Propagation or Ultra-Short Waves, by G. Eckart, 19 pp.

GERMAN, per, Hochfrequenztech u Elektroakus, Vol LII, No 2, Aug 1938, pp 58-62.

SLA Tr 57-925

Sci - Electricity, Physics 52,372

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Surmounting of the Earth's Curvature by Ultra-Short Waves Through Atmospheric Refraction, by G. Eckart, H. Plendl, 56 pp.

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SLA Tr 5/A7-911

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Von. O. Eckel

Checking and Analyzing Soil Temperature Measurements
Part I: Testing Results With The Aid of Tauochrone
Plots.
GERMAN, per, Wetter und Leben, Vol 12, No 3 & 4,
1960, pp 63-69.
NASA TT F 14,479

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APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100130018-4

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Eckelt, Carl.
APPARATUS ON PLOWS OR THE LIKE FOR DISTRIBUTING FLUIDS FOR THE PURPOSE OF KILLING PESTS, tr. by C. P. 29 Sep 60, 2p. (1 fig. omitted).
Order from OTS or SLA $1.10 60-23916

Trans. of Austrian patent 13,091, cl. 45 e, appl. 16 Dec 01, beginning of pat. life 15 Mar 03, pub. 25 Aug 03.

DESCRIPTORS: *Pest control, Insecticides, Scattering.

I. Eckelt, C.
II. Patent (Austria) 13 091
III. Patent Office, Washington, D. C.

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The Space- Charge Zone at the Arc Plasma Boundary,
by G. Ecker, 17 pp.
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Stabilization of the Electric Arc at the Anode and the Cathode, by G. Ecker, 20 pp.

GERMAN, per, Z fuer Physik, Vol CXXXVI, 1953, pp 1-16.

FDD/X-3759

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The Microfield in Total Units With Reciprocal Effect According to Coulomb's Law, by G. Ecker, 17 pp.

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Ecker, J.
CONTRIBUTION TO THE PROBLEM OF THE MECHANICAL WEAR OF FABRICS, III. [1963] 5p (figs omitted)
Order from SLA $1.10 TT-63-20509

Trans. of Melliand Textilberichte (Germany) 1941, v. 22, p. 194-198.

DESCRIPTORS: *Textiles, Friction, Fibers, Wool textiles, Cotton textiles, Clothing, *Wear resistance.

(Materials--Textiles, TT, v. 11, no. 5)

TT-63-20509

I. Ecker, J.

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Ecker, Lawrence.
GEOLOGY, BOTANY, GEOGRAPHY, ZOOLOGY, ICHTHYOLOGY, AND ORNITHOLOGY: GLOSSARY OF RUSSIAN TERMS. [1961] [339]p.
Order from LC or SLA mi$11.10, ph$51.60 61-19684

(Research Methods, Techniques and Equipment, TT, v. 5, no. 11)

61-19684

1. Biology--Dictionaries
2. Geology--Dictionaries
3. Title: Russian-English glossary
I. Ecker, L.

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TT-65-11948 Field 11J

Ecker, R.; Bannasch, H.; Heidemann, W.
COMPARATIVE MEASUREMENTS WITH PLASTOMETERS.
Paper presented at the Meetings of the Deutsche Kautschuk-Gesellschaft, Goslar, 7-9 May 53. 44p, 6refs.
Order from SLA: $4.60 as TT-65-11948

Trans. of Kautschuk und Gummi (West Germany) v7 n8 p170WT-8WT 1954.

TT-65-11948

I. Ecker, R.
II. Bannasch, H.
III. Heidemann, W.
IV. Title: Meetings...

MR 622

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100130018-4

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namic Deformation Characteristics of Caoutchouc (India-Rubber)-Vulcanizates and Other High Polymers, by R. Ecker.

GERMAN, per, Kautschuk u Gummi, Vol IX, WT2, WT2-9, Wt 31-38.

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Static and Dynamic Deformation Properties of Rubber Vulcanizates and Other High Polymers, by R. Baker, 44 pp. (AF-646143)

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GERMAN, agg doc, Deutsche Kautschuk - Gesellschaft, Vortragstagung, Munchen, Oct 1954, 46 pp.
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Secondary Softening Ranges in Copolymers, Mixtures of Polymers, and Graft Polymers, by R. Ecker.

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Gear Pump, by Otto Eckerle, Hans Molly, 10 pp.

GERMAN, Patent No 1,006,722.

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Chlorination of Hydroquinone, by A. Eckert, 5 pp.
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GERMAN, per, Journal fuer Praktische Chemie,
Vol CIV, 1922, pp 81-84.

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Eckert, B.
COOLING BLOWERS FOR INTERNAL COMBUSTION ENGINES (Kuhlgeblase fur Verbrennungsmotoren). [1963] [15p] 14refs
Order from SLA $1.60 TT-63-20788

Trans. of MTZ [Motortechnische Zeitschrift] (Germany) 1940, Oct, p. 316-327.

DESCRIPTORS: *Blowers, *Cooling, *Internal combustion engines, Design, Cooling fans, Air-cooled, Water,

(Machinery--Engines, TT, v. 11, no. 4)

TT-63-20788

I. Eckert, B.

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Eckert, B.
GAS TURBINE POWER PLANTS FOR AUTOMOBILES: PRESENT STAGE OF DEVELOPMENT AND FUTURE PROSPECTS. [1962] [16]p.
Available on loan from SLA 62-18789

Trans. of ATZ [Automobiltechnische Zeitschrift] (Germany) 1955, v. 57, no. 3, p. 78-83.

DESCRIPTORS: *Passenger vehicles, Vehicles, *Gas turbines, Power plants, Design, Torque.

In recent years, the development of gas turbine power plants for automobiles in a number of countries has become headline news in the automotive world. The author reports here on present developments in the USA, in England, and in France. Prospects for automotive gas turbines are analyzed against the background of present power plants for passenger and commercial vehicles. Present experience indicates that gas turbines are competitive only in the horsepower class of the largest commercial-vehicle engines.

62-18789

I. Eckert, B.

[illegible]635.1

(Machinery--Engines, TT, v. 8, no. 12)
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Recent Results on High-Pressure Axial Blowers, by B. Eckert

GERMAN, per, Zeitschrift des Vereines Deutscher Ingenieure, Vol LXXXVIII, No 37/38, 16 Sep 1944.

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Possibilities of Reducing the Length of Axial Superchargers for Aircraft Motors, by B. Eckert

GERMAN, per, Tech Benchmate, ZWB, TB4, 1940, pp 130-133.

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Measurements on Compressor-Blade Lattices, by F. Weinig, B. Eckert

GERMAN, per, Berichte der Gittertagung in Braunschweig Institut for Motorenforschung der Luftfahrtforschungsanstalt Hermann Goring, 27 Mar 28 1944.

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Eckert, B.
PRESENT DEVELOPMENT OF AUTOMOBILE GAS TURBINES. 55p.
Order from SLA: $5.60 as TT-65-13905

Trans. of Technica (Switzerland) v14 n10 p803-6, n11 p961-4, n12 p1037-51 1965.

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Eckert, Bruno.
TRENDS AND PROSPECTS OF GAS TURBINE DEVELOPMENT PARTICULARLY FOR NON-STATIONARY INSTALLATIONS. [1962] [63]p. 8 refs.
Available on loan from SLA 62-18798

Trans. of MTZ; Motortechnische Zeitschrift (West Germany) 1955, v. 16, no. 2, p. 32-42 and no. 3, p. 68-73.

DESCRIPTORS: *Gas turbines, Economics, Combustion chambers, Thermal stresses, Aircraft, Marine engines, Locomotives, Power plants, Propulsion, Effectiveness.

(Machinery--Engines, TT, v. 8, no. 12)

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Eckert, E. and Korbacher, G.
MEASUREMENT OF THE FLOW IN A SINGLE-STAGE MODEL-TURBINE DRIVEN BY COMPRESSED AIR. [1963] [56p] (foreign text included) 6refs
Available on loan from SLA TT-63-20817

Trans. of mono. Ausmessung der Strömung in einer Einstufigen Druckluft-Modellturbine, n. p., n. d.

DESCRIPTORS: *Turbines, Models (Simulation), Compressed air, Aerodynamic configurations, Aerodynamics, Measurement, *Fluid flow.

(Machinery--Engines, TT, v. 11, no. 1)

TT-63-20817

I. Eckert, E.
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On Directional Distribution of Heat Radiation from Surfaces, by E. Schmidt, E. Eckert, 24 pp. UNCLASSIFIED

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Heat transfer by liquids near the critical state, by E. Schmidt, E. Eckert, and U. Grigull, 15 pp.

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The Measurement of Air Temperatures in High-Speed Flight, by E. Eckert, W. Weise, 7 pp.

GERMAN, Report from the Institute for Motor Research of the Herman Göring Aeronautical Res Inst Brunswick.

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Experimental Study of Flow Past Turbine Blades, by E. Eckert, K. V. Vietinghoff-Scheel

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"The Flow Through Axial Turbine Stages With Long Blades, by E. Eckert, J. Korbacher

GERMAN, per, ZWB FB, No 1750.

Nat'l Res Council Canada TT 22

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Jul CTS/DEX Price 0.25

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Calculation of Heat Transfer in the Boundary Layer of Bodies in Flow, by E. Eckert

GERMAN, V. D. I. Forschungsh., (416), 27 pp., [illegible] 1942

Air Material Command, Dayton, Ohio, Tr No
ATI 43691 OT/169

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High Frequency Spark Photography.

GERMAN, per, Z. ges. Schiess-u-Sprengstoffw. Vol XXXVII, No 8, 1942, pp 148 - 150.

AEC Tr 525

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Endothermic Effect in the Softening Zone of Silicate Glasses, by F. Eckert, I. Westerman.

GERMAN, per, Glastechnische Berichte, Vol X, 1932, pp 30-37.

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by P. Eckert.

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Fast Neutron Dosimetry in Research Reactors, by
M. R. Eckert.
Symposium on HighFlux Materials Testing Reactors
FRENCH, np, Brussels, 21-26 Sep 1959, pp 324-339.

AEC TID-7584

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The First Czechoslovak Electronics Conference, by L. Eckertova, 5 pp. FOR OFFICIAL USE ONLY

CZECH, per, Slaboproudy Obzor, Vol XXI, No 6, Prague, 10 Jun 1960, pp 382, 383.

JPRS 3923

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Dynamic Electron Multiplier, by
Ladislav Kryska, Ludmila Eckertova, 9 pp.

CZECH, per, Ceskoslovensky Casopis Fysiku,
No 5, 1960, pp 420-424. 967171

FTD MCL-1067/1

Sci - Electron 171,546

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High Sensitivity Determination of Sulphur and the Simultaneous Determination of Carbon and Sulphur With a Recording Conductivity Apparatus, by Koch, Eckhard, Malissa. UKCL

GERMAN, per, Arch Eisenhuttenwesen, 1958, No 9, pp 543-546.

British Iron and Steel Inst 1110

Sci - Chem
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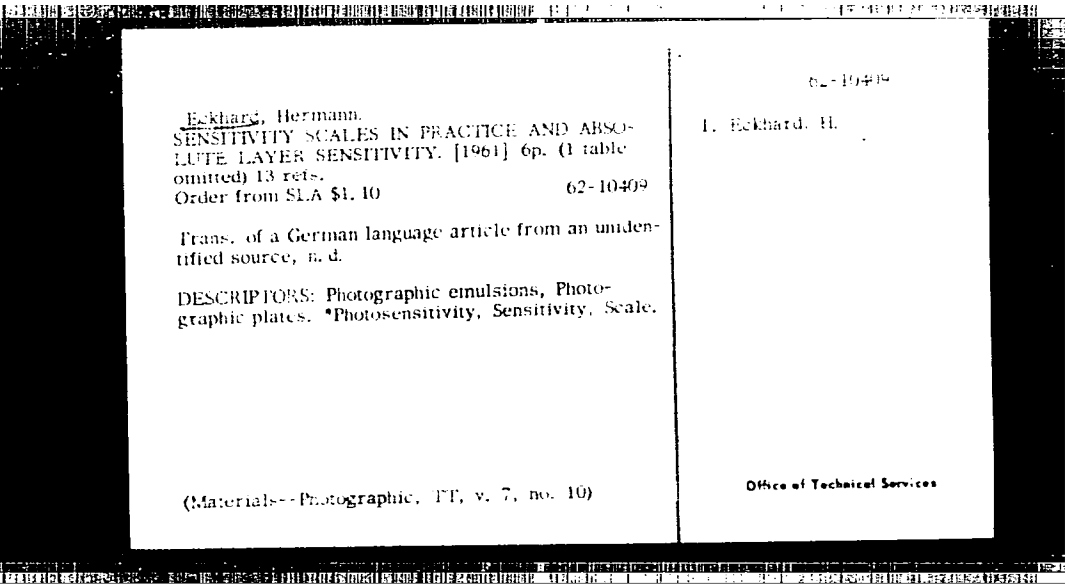

Eckhard, Hermann.
SENSITIVITY SCALES IN PRACTICE AND ABSOLUTE LAYER SENSITIVITY. [1961] 6p. (1 table omitted) 13 refs.
Order from SLA $1.10 62-10409

Trans. of a German language article from an unidentified source, n. d.

DESCRIPTORS: Photographic emulsions, Photographic plates. *Photosensitivity, Sensitivity, Scale.

(Materials--Photographic, TT, v. 7, no. 10)

62-10409

I. Eckhard, H.

Office of Technical Services

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EXPERIENCES WITH VACUUM SPECTROMETERS IN THE STEELWORKS LABORATORY, PART I, II, BY S. ECKHARD, G. GRAUE, R. MARDTZ.

GERMAN, PER, ARCHIV FUER EISENHUTTENWESEN, VOL XXXIII, NO 3, 1962, PP 145-150, 151-156.

BISI 2935

SCI - PHYS

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Eckhard, S. and Koch, W.
SPECTROGRAPHIC DETERMINATION OF TRACE ELEMENTS IN STEEL WITH MOVING ELECTRODES. Rept. no. 245 of the Chemists' Committee of V[erein] D[eutscher] E[isenhüttenleute]. [1961] [17]p. 29 refs. Order from SLA $1.60 61-16311

Trans. of Archiv für das Eisenhüttenwesen (West Germany) 1957; v. 28, no. 11, p. 731-738 [Max Planck Institut für Eisenforschung (West Germany). Communication 743].

DESCRIPTORS: *Steel, Spectrographic analysis, *Electrodes, Impurities.

By employing a 1.5 m-grating spectrograph and a high tension A.C. arc with 4400 V it was possible to lower the detection limit for aluminum and manganese in pure iron from 0.0004 to 0.0001% Al and from 0.009 to 0.003% Mn by movement of the electrodes. (Author)

(Metallurgy--Ferrous Metals, TT, v. 6, no. 3)

61-16311

I. Eckhard, S.
II. Koch, W.
III. Max Planck Institut für Eisenforschung (West Germany)
IV. Title: Verein...

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Organic Solvents in Flame Spectrometry, by
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No 12, 1959, pp 731-735.

BISI 1636

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Sci - Chem; Phys

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The Spectro-Chemical Determination of Phosphorus in Steel With the Phosphorus Line 3175 Å, by S. Eckhardt, UNCL

GERMAN, per, Arch Eisenhuettenwesen, Feb 1958, pp 89-94.

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Sci - Chem; Phys
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D. Eckhardt

CW - Radar Method With Reflected Electromagnetic Waves, by D. Eckhardt.

GERMAN, per, Radio und Fernsehen, No 11, 1964, pp 339-343.

NTC-71-10289-171

FTD-TT-65-844 16 pp 9699652

FSTC 381-765-617
AD SE I-8409
ID 2204046865

9698937 or 9698984

Nov 71

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Eckhardt, F. and Heinze, H. -O.
COMPARISON OF CONVENTIONAL ANALYTICAL METHODS FOR VALUABLE COAL CONSTITUENTS BY MEANS OF GAS CHROMATOGRAPHIC AND SPECTROSCOPIC ANALYSIS (Vergleich Konventioneller Untersuchungsverfahren für Kohlenwertstoffe mit der Gaschromatographischen und Spektroskopischen Analyse). [1961] [23]p. (foreign text included).
Order from SLA $2.60 61-20077

Trans. of Brennstoff-Chemie (West Germany) 1961, v. 42 [no. 4] p. (50-54) 136-140.

DESCRIPTORS: Coal tar, Pyridines, Phenols, Naphthalenes, *Gas chromatography, *Spectrographic analysis, Chromatographic analysis

The conventional analytical methods for valuable coal constituents are compared with gas-chromatographic (Chemistry--Analytical, TT, v. 7, no. 4) (over)

61-20077

I. Eckhardt, F.
II. Heinze, H. -O.

P91082

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Internal Resistance of the Steam Engine, by F. W. Eckhardt.

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IRSDOC-T2024

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Chances of Improving Saturated-Steam Cycles of Nuclear Power Plants with Low Cooling Temperatures, by F. W. Eckhardt, H. Uschwa. GERMAN, per, Kerntechnik, Vol IV, No 4, Apr 1962, pp 137-140.

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Eckhardt, H.
HOECHST CHLOROPARAFFINS FOR COATINGS.
15 Feb 61.
Order from TTIS $9.00 TTIS-2166

Trans. of Fette Seifen Anstrichmittel (West Germany) 1959, v. 61, Nov, p. 1127-1129.

(Materials--Finishes, TT, v. 5, no. 8)

61-12846

1. Coatings--Materials
2. Methanes--Applications
3. Title: Hoechst paraffins
I. Eckhardt, H.
II. TTIS-2166
III. Translation and Technical Information Services (Gt. Brit.)

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GERMAN, per, Zeitschrift fuer Physik, Vol CLX, 1960, pp 121-143.

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TELEVISION TELESCOPE - INTERESTING INVENTION, BY WOLFGANG SCHWARZ, DR. ENG., ET AL, 12 PP.

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SCI - ELECTRONICS

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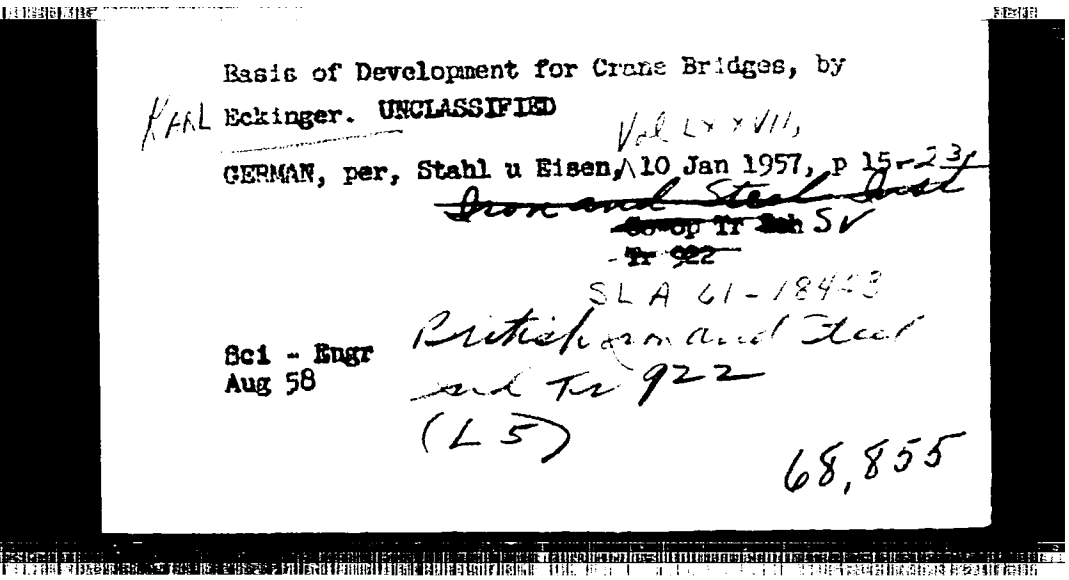

Basis of Development for Crane Bridges, by
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Vol LXXVII,
GERMAN, per, Stahl u Eisen, 10 Jan 1957, p 15-23
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SLA 61-1843
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Contribution to the Study of the Trematode Family Bucephalidae, Part 2, by F. Eckmann. GERMAN, per, Zeit fur Parasitkunde, Vol 5, No 1, 1932, pp 99-108.
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The Structure of the Products of Sulphoxidation of a Dodecane, by Friedrich Asinger, Gerhard Geissler, Hans Rakulet, 16 pp.

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A Model of the Defects of the Vitreous State, by B. Eckstein. 16 p.
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SLA TT-66-10662

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The Description of Glass States by
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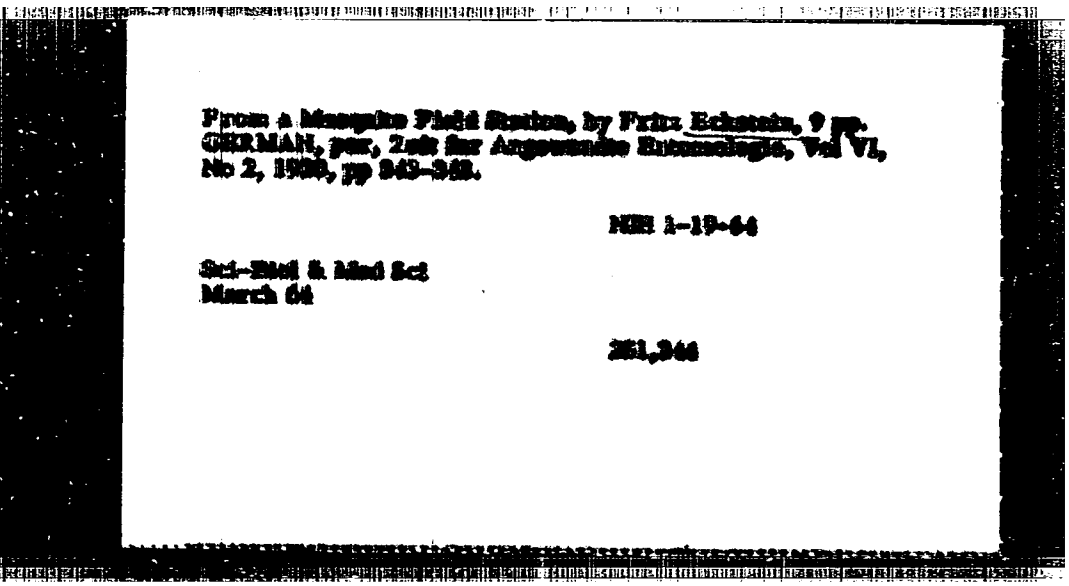

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